



# JSKD136



Description

Unit

			12	16	18	20	
Operating junction temperature range		$T_j$	-40-150				
Storage temperature range		$T_{stg}$	-40-125				
Repetitive peak reverse voltage	$T_j=25$	$V_{RRM}$	1200	1600	1800	200800	V

Peak on-state surge current	$T_j=25$ , $t_P=10ms$ , sin 180°	$I_{FSM}$	3640	A
			3600/3000	V

## Electrical Characteristics

			@1.6	V
Threshold voltage	$T \leq 150$	$V_{TO}$	0.85	V
Dynamic resistance	$T_j=150$	$R_d$	1.5	m
Repetitive peak reverse current	$V_R=V_{RRM}$ $T_j=25$	$I_{RRM1}$	100	$\mu A$
	$T_j=150$	$I_{RRM2}$	50	mA
Thermal resistance	Junction to case	$R_{th(j-c)}$	0.22	/W
	Case to heatsink	$R_{th(c-s)}$	0.12	








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